



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Dr. B. L. Newkirk has been appointed instructor, and Mr. A. J. Champreux assistant in mathematics at the University of California.

The following new members have recently been admitted to the American Mathematical Society: R. P. Baker, W. H. Bussey, H. A. Converse, A. M. Curtiss, G. R. Dean, E. L. Dodd, R. R. Fleet, E. D. Grant, J. E. Higden, L. E. Karpinski, O. C. Lester, Tultio Seir-Cevita, J. C. Symer, W. F. Monerieff, A. Ranum, C. S. Sisam, Adelaide Smith, Clara E. Smith, C. M. Snelling, Edward Study, D. T. Wilson.

The Index for Vol. XI will be sent out with the January number of Vol. XII.

BOOKS.

Exercises in Algebra. By Edward R. Robbins and Frederick H. Somerville, William Penn Charter School, Philadelphia, Penn. 8vo. Cloth Sides and Leather Back. 173 pages. New York and Chicago: The American Book Co. This little book abounds in well selected exercises suitable for beginners in Algebra. F.

Practical Measurements in Magnetism and Electricity. By George A. Hoadley, A. M., C. E., Professor of Physics in Swarthmore College; Author of "A Brief Course in Physics." 8vo. Cloth, 111 pages. New York and Chicago: The American Book Co.

This book contains a fine collection of experiments in Magnetism and Electricity well suited to the requirements of students in the High School or Academy. F.

An Introduction to the Modern Theory of Equations. By Florian Cajori, Ph. D., Professor of Mathematics, Colorado College. 18vo. Cloth, ix+239 pages. Price, \$1.75. New York: The Macmillan Co.

In addition to the usual matter treated in works on the Theory of Equations, Dr. Cajori has, in this treatise, devoted 24 pages to Substitutions, 5 pages to the Lagrangian Resolvents, 26 pages to Galois' Theory of Algebraic Numbers, 24 pages to Normal Domains, and 12 pages to Reduction of the Galois Resolvent by Adjunction.

The treatment of the Theory of Equations as here presented is clear, eminently scientific, and thoroughly modern. It cannot fail to satisfy the demands for a first-class work on the subject it treats. F.

Physical Laboratory Manual for Use in Schools and Colleges. By H. N. Chute, M. S., Author of "Practical Physics," etc., and Teacher of Physics in the Ann Arbor High School. Revised Edition. 8vo. Cloth, 266 pages. Price, 80 cents. Boston and Chicago: D. C. Heath & Co.

The experiments in this book may all be performed in the average High School Physical Laboratory, and will give the student a thorough understanding of the physical principles involved in each. F.

ERRATA.

Page 198, Mechanics, for 121 read 171.